

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	("20070278401").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/06 06:05
L3	10	((FINLAY) near2 (ALAN)).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 06:08
L4	10377	(250/281-300,423R,428,430). OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/06 06:19
L5	3	4 and (mass near2 (spectromet \$4 or analy\$4)) and (membrane with valve with open with close \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 06:21
L6	22	(mass near2 (spectromet\$4 or analy\$4)) and (membrane with valve) and ((valve with normally with closed) same (valve with open with flow))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 06:51
L7	1	("5313061").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/06 07:26
L8	1	7 and (spectromet\$4 with vacuum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 07:26
L9	30	4 and (MEMS with (mass near2 spectromet\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:00
L10	6	(membrane with sample) and (MEMS with (mass near2 spectromet\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:21

L11	8	(membrane with valve) and (MEMS with (mass near2 spectromet\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:22
L12	5	11 not 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:22
L13	4	((("6025591") or ("6525314") or ("5536939") or ("5386115")). PN.	US-PGPUB; USPAT	OR	OFF	2009/04/06 08:27
L14	52	("5313061").URPN.	USPAT	OR	ON	2009/04/06 08:29
L15	7	14 and (mems)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:29
L16	1	15 and (valve same membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:35
L17	281	(mass near2 spectromet\$3) and (valve with (stream\$4 or flow \$4)) and MEMS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:52
L18	92	17 and (polydimethylsiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:53
L19	40	18 and (valve with normally with closed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:55
L20	20	19 and (valve with glass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:56

L21	37	(((\$5valve or micro?valve or microvalve or valve) and membrane and (mass near2 spectromet\$2)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:01
L22	2	21 and MEMS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:01
L25	5	(MEMS with (mass near2 spectromet\$4) with formed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:27
L26	12	(MEMS with (mass near2 spectromet\$4)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:30
L27	108	(MEMS with (mass near2 spectromet\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:34
L28	37	27 and (mass with spectromet\$4 with sample)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:34
L29	35	("20040124350"   "20050177223"   "20060060771"   "20070096023"   "3849656"   "4019989"   "4166952"   "4472631"   "4851700"   "4894549"   "4912327"   "5118939"   "5202561"   "5245192"   "5386115"   "5401963"   "5466932"   "5492867"   "5530244"   "5536939"   "5541408"   "5621209"   "5659171"   "5747815"   "6072182"   "6191419"   "6452169"   "6717141"   "6797963"   "6818911"   "6900756"   "6974957"   "7066023"   "7208729"   "7235098").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 09:36

L30	2	"20050066246"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 09:42
L31	1	(valve with glass with (break\$4 or ruptur\$4) with sample) and (mass near2 spectromet\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 09:58
L32	6	((MEMS) same (sample with introd\$5) same (mass near2 spectromet\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 10:00
L33	17	((MEMS) same (membrane) same (mass near2 spectromet \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 10:01
L34	64	("5536939").URPN.	USPAT	OR	ON	2009/04/06 10:10
L35	4	(mass near2 spectromet\$4) and (sample with (polydimethylsiloxane with membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 10:53
L36	1	(mass near2 spectromet\$4) and (sample same (polydimethylsiloxane with membrane)) and (polymerisat\$4 with membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 10:56
L37	571	((micro adj electromechanic\$2 adj system) or (micro? electromechanic?system) or microelectromechanic\$2) and (mass near2 spectromet\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 11:52
L38	102	((micro adj electromechanic\$2 adj system) or (micro? electromechanic?system) or microelectromechanic\$2) same (mass near2 spectromet\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 11:52
L39	32	38 and (filter or analyzer or spectromet\$4) with ((micro adj electromechanic\$2 adj system) or (micro?electromechanic? system) or microelectromechanic \$2 or mems)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 11:53

L40	22	39 not 28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 11:53
L41	22	40 not 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 11:54
S1	1	("6870157").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/03 14:06

**4/ 6/ 2009 1:47:07 PM**

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